OHCL | 124 Series

CLOSABLE WEATHER LOUVER

MODEL OHCL-124

FEATURES

- High Perfomance Louver
- Motorised or Manual Operation
- Straight Blade Profile
- Obstructed Line of Sight
- Low Resistance Louver

CONSTRUCTION

The OHL - 124 louver system is constructed entirely of 6063 T5 extruded aluminium, mechanically locked together ensuring a solid, resilient structure. The internal movable blades have a black anodised finish and are complete with an internal hinge and an edge seal of extruded vinyl. All louvers are manufactured to the highest fabrication and performance standards.

OPTIONS

- The OHCL - 124 is available in three surround options:
  - Flangeless Channel Surround
  - 25mm Flange Cover
  - 40mm Flange Cover
- Powder Coat finishes (Duratec warranty coatings available on request)
- Natural Anodised finish
- Aluminium or Stainless Steel bird mesh
- Aluminium Blanking
- Actuators can be mounted top or bottom, specify when ordering

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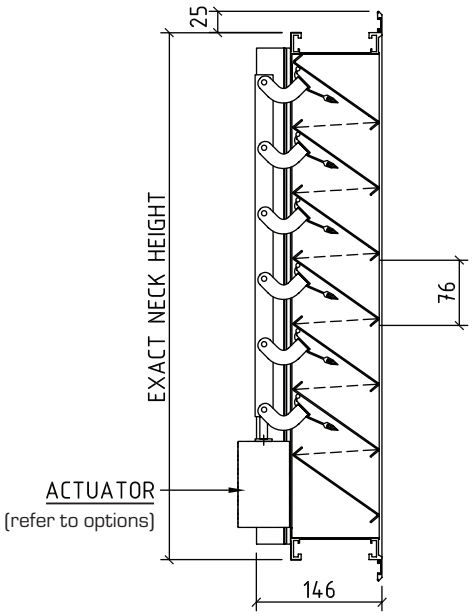
The OHCL - 124 louver is available in a closable option. It offers performance and appearance similar to the basic model with the facility to close the louver by means of concealed black anodised damper blades, pivoted on the underside of each fixed blade and gang operated by either manual or motorised means. While open, it offers minimum air flow resistance with low droplet penetration under normal weather conditions.

TYPICAL APPLICATIONS

Typical uses are to provide controlled air movement in conjunction with powered and natural ventilation systems in factories, plant rooms, power stations, and similar projects.

Other suitable applications include controlable air inlets operating with smoke clearance systems, where louvers would normally remain closed but would open in the event of an emergency. Bird screen material slides horizontally into tracks between blades so that linkages are not obstructed.

DIMENSIONAL DATA



Side Elevation

TESTING STANDARDS

AS/NZS 4740: 2000 Standard: Natural ventilators - Classification and performance

BS EN 13030: 2001 Standard: Ventilation for buildings - Terminals - Performance testing of louvers subjected to simulated rain

Pressure Area Velocities	**<1.0m/s**	**1.0 - 3.0m/s**
Water Ingress Efficiency	**Class B**	**Class C**
Wind Load Rating	**Level 1**	

All louvers have been tested under a simulated exterior wind face velocity of 13m/s (as nominated by AS/NZS 4740:2000) alongside the simulated building intake louver velocities of 0.5m/s to 3.0m/s.

Intake louver velocities equate to the pressure area velocities nominated.

The blades are spaced at 76mm centres which ensures enhanced aerodynamic performance coupled with high weatherability. The installed blades overlap one another to minimise the possibility of any water carry over.